

REMARKS

Applicant submits the present Amendment in response to the Final Office Action dated May 21, 2007, in which the Examiner rejected Claims 3-5 and objected to Claim 6. Claims 3-6 are all the claims pending in the application. Claims 3-5 have been amended. No new matter has been added. Accordingly, favorable reconsideration is requested in view of the above amendments and the following remarks.

OBJECTION

Claim 6 has been objected to as referring to rejected base claims. Claims 3 and 4 have been amended to overcome the 35 U.S.C. § 112, second paragraph rejection, thus Claim 6 no longer refers from rejected claims.

Withdrawal of the objection is requested.

REJECTION UNDER 35 U.S.C. § 112, SECOND PARAGRAPH

Claims 3-5 have been amended to include the definitions of the variables M^1 , M^2 , M^3 , and Ln^1 .

Withdrawal of the 35 U.S.C. § 112, second paragraph rejection is requested.

REJECTION UNDER 35 U.S.C. 102(b)

Claim 5 has been rejected under the 35 U.S.C. § 102(b) as being anticipated by EP 21,536. The Examiner asserts that EP 21,536 teaches silicate phosphors and their use in low pressure mercury vapor lamps, which are vacuum ultraviolet radiation exciting devices.

Applicant respectfully traverses this rejection for the reasons contained in the Rule 111 Amendment filed April 30, 2007, and for the following additional reasons.

Specifically, Applicants emphasize that EP 21,536 discloses a low pressure mercury vapor discharge lamp which is excited under radiation of ultraviolet ray having a wavelength of

254 nm. *See*, page 3, lines 14-16. The low-pressure mercury vapor discharge lamp is not a vacuum ultraviolet radiation exciting device, as presently claimed, which is excited under radiation of vacuum ultraviolet ray having a wavelength of, for example, 146 nm. Reference is made again to the examples of the present specification.

Additionally, Applicants note that when an electric current is passed through mercury vapor, only ultraviolet radiation with a wavelength of about 254 nm is produced. *See*, page 7 of EP 21,536, line 5. As a person of ordinary skill in the art would understand, low-pressure vapor lamps are not vacuum ultraviolet radiation exciting devices.

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,

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